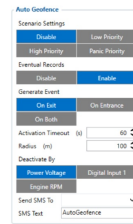**Manuals+** — User Manuals Simplified.

TELTONIKA TFT100 Geofence Settings

TELTONIKA TFT100 Geofence Settings Instructions

Contents

TELTONIKA

TELTONIKA TFT100 Geofence Settings

Product Information

Specifications

- Model: TFT100
- Max Geofence Zones: 50
- Event Generation: Triggered when crossing defined zone border

Product Usage Instructions

Manual Geofence Selection:
The TFT100 can support up to 50 configurable Geofence zones.
These Geozones can generate an event when a defined zone border iscrossed.

Manual Geofence Settings:
Manual geofence settings can be configured only when OverSpeeding is not detected anywhere. It's important to note that regular OverSpeeding and geozones' OverSpeeding function independently.

Max Allowed Speed: Set the maximum allowed speed in the geozone.

Manual Geofence Map
Coordinates for the Geozone can be described using coordinate systems or by utilizing the drag & drop feature on the map for each selected zone. Please note that only one figure can be set on one geozone.

FAQ (Frequently Asked Questions):

- **Q: How many Geofence zones can the TFT100 support?**

A: The TFT100 can support up to 50 configurable Geofence zones.

- **Q: Can geozones generate events when crossing a defined zone border?**

    A: Yes, Geozones can generate an event when a defined zone border is crossed.

https://wiki.teltonika-gps.com/view/TFT100_Manual_Geofence_settings
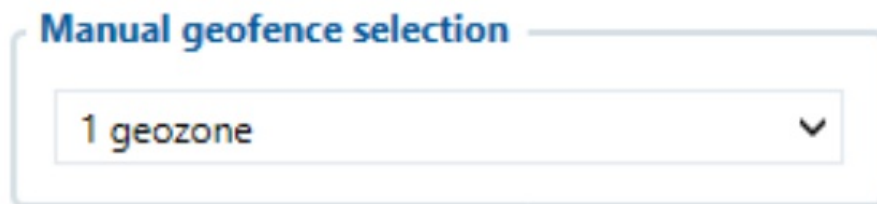

TFT100 Manual Geofence settings
Main Page > E-Mobility Trackers > TFT100 > TFT100 Configuration > TFT100 Manual Geofence settings

Contents

Manual Geofence Settings

Manual Geofence Selection

TFT100 can have up to 50 configurable Geofence zones. As well Geozones can generate an event when a defined zone border is crossed.

Manual Geofence Settings

- **Feature** – The priority of Geofence event is categorized into iow, High or Panic levels. These levels define the priority of event information that is sent to the server. For more details about priorities look in here.
- Generate event allows to choose when record will be generated.
- **Eventual** records – controls where scenario status value appears: when disabled it will exist in each AVL record and when enabled the value will be appended only to eventual records.
- **Frame** border – is an additional border around Geofence zone used to prevent false events when object stops on the border of the area and as a result records are made inside and outside the defined area because of GNSS errors. The event is generated only when both (Geofence and frame) borders are crossed. See figure to the right for details. Blue track is considered to have entered the area whereas red track is not.
- **Shape** type – it is possible to have a rectangle or a circle as it is defined by the user. Radius – is used to set circle radius in meters when Circular zone is used.
- **Latitude** Y1 – is used to set Y coordinate (latitude).
- **Longitude** X1 – is used to set geofence zone left bottom corner X coordinate (longitude). Latitude Y2 – is used to set geofence zone upper right corner Y coordinate (latitude) for a Rectangular zone.
- **Longitude** X2 – is used to set accordingly geofence zone upper right corner X coordinate (longitude) when Rectangular zone is used or circle radius when Circular zone is used.
- **Over** Speeding – helps to configure Over Speeding scenarios separately for each different Geozone. If digital output control is enabled in a regular OverSpeeding scenario, geozones' OverSpeeding scenario will control it too i.e when the device is in more than one geozone and OverSpeeding is detected in any zone then the digital output turns on. Digital output turns off only when OverSpeeding is not detected anywhere.
  Note! Regular OverSpeeding and geozones' OverSpeeding function independently.

Max Allowed Speed – Max allowed speed in the geozone.

Manual Geofence Map

Coordinaces for the Geozone can be described not only with coordinate system but by drag & drop principle on the map in each selected geozone.

Note! Only one figure can be set on one geozone.

Documents / Resources

TELTONIKA TFT100 Geofence Settings [pdf] Instructions
TFT100 Geofence Settings, Geofence Settings, Settings

References

- **User Manual**